

PCT/PTO 9 JUL 2004

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/00153

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K31/435 A61K31/57 A61L31/16 A61L27/54

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data, EMBASE, BIOSIS, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 87263 A (CORDIS CORP) 22 November 2001 (2001-11-22) page 3, line 27 - page 4, line 24 page 9, line 10 - line 14 page 10, line 30 - line 31 page 12, line 15 - line 22 page 13, line 18 - line 24 page 15, line 13 - line 17 page 17, line 22 - line 29; tables 1,2,5,6 page 19, line 8 - line 9	1-13
X	US 2001/029351 A1 (PAPANDREOU GEORGE ET AL) 11 October 2001 (2001-10-11) paragraph '0042! paragraph '0044! paragraph '0046! paragraph '0062! - paragraph '0063! paragraph '0011!; figures 2-5 --- -/--	1-13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

23 April 2003

Date of mailing of the international search report

13/05/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>SOUSA J E ET AL: "Sustained suppression of neointimal proliferation by sirolimus-eluting stents: one-year angiographic and intravascular ultrasound follow-up." CIRCULATION. UNITED STATES 23 OCT 2001, vol. 104, no. 17, 23 October 2001 (2001-10-23), pages 2007-2011, XP002239133 ISSN: 1524-4539 page 2008, left-hand column, paragraph 2 page 2010, discussion first paragraph figure 1</p> <p style="text-align: center;">---</p>	1-13
X	<p>WO 01 87372 A (CORDIS CORP) 22 November 2001 (2001-11-22) tables 1,2</p> <p style="text-align: center;">-----</p>	1-4,6-8, 10-13

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International application No.
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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: —
because they relate to subject matter not required to be searched by this Authority, namely:
see FURTHER INFORMATION sheet PCT/ISA/210
2. ☒ Claims Nos.: —
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.1

Although claims 10-13 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the composition.

Continuation of Box I.1

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy

Continuation of Box I.2

Present claims 1-13 relate to an extremely large number of possible compounds and products, since the functional definitions given in said claims lack a structural definition. In the present case, a meaningful search over the whole of the claimed scope is impossible. Consequently, the search has been carried out for those parts of the claims which appear to be disclosed in the examples (i.e. sirolimus, everolimus, both compounds in conjunction with dexamethasone or pimecrolimus, and stents coated with sirolimus, everolimus).

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/00153

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0187263	A	22-11-2001	US 2002007213 A1	17-01-2002
			AU 5977401 A	26-11-2001
			AU 6157901 A	26-11-2001
			AU 6158001 A	26-11-2001
			AU 6158101 A	26-11-2001
			AU 6295701 A	26-11-2001
			AU 6311201 A	26-11-2001
			AU 6311301 A	26-11-2001
			EP 1280568 A1	05-02-2003
			EP 1280569 A1	05-02-2003
			EP 1280570 A2	05-02-2003
			EP 1280571 A1	05-02-2003
			EP 1289576 A1	12-03-2003
			EP 1280512 A2	05-02-2003
			EP 1280572 A1	05-02-2003
			WO 0187372 A1	22-11-2001
			WO 0187373 A1	22-11-2001
			WO 0187374 A1	22-11-2001
			WO 0187342 A2	22-11-2001
			WO 0187375 A1	22-11-2001
			WO 0187263 A2	22-11-2001
			WO 0187376 A1	22-11-2001
			US 2001029351 A1	11-10-2001
			US 2002016625 A1	07-02-2002
			US 2002007214 A1	17-01-2002
			US 2002007215 A1	17-01-2002
			US 2002005206 A1	17-01-2002
US 2001029351	A1	11-10-2001	US 6273913 B1	14-08-2001
			AU 1129902 A	08-04-2002
			AU 1132102 A	08-04-2002
			AU 9486901 A	08-04-2002
			WO 0226139 A1	04-04-2002
			WO 0226281 A1	04-04-2002
			WO 0226271 A1	04-04-2002
			US 2002165608 A1	07-11-2002
			US 2002111590 A1	15-08-2002
			US 2002133183 A1	19-09-2002
			US 2002051730 A1	02-05-2002
			AU 5977401 A	26-11-2001
			AU 6157901 A	26-11-2001
			AU 6158001 A	26-11-2001
			AU 6158101 A	26-11-2001
			AU 6295701 A	26-11-2001
			AU 6311201 A	26-11-2001
			AU 6311301 A	26-11-2001
			EP 1280568 A1	05-02-2003
			EP 1280569 A1	05-02-2003
			EP 1280570 A2	05-02-2003
			EP 1280571 A1	05-02-2003
			EP 1289576 A1	12-03-2003
			EP 1280512 A2	05-02-2003
			EP 1280572 A1	05-02-2003
			WO 0187372 A1	22-11-2001
			WO 0187373 A1	22-11-2001
			WO 0187374 A1	22-11-2001
			WO 0187342 A2	22-11-2001
			WO 0187375 A1	22-11-2001

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Information on patent family members

International Application No

PCT/EP 03/00153

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2001029351 A1		WO 0187263 A2	22-11-2001
		WO 0187376 A1	22-11-2001
		US 2002016625 A1	07-02-2002
		US 2002007213 A1	17-01-2002
		US 2002007214 A1	17-01-2002
		US 2002007215 A1	17-01-2002
		US 2002005206 A1	17-01-2002
		EP 0950386 A2	20-10-1999
		US 2001027340 A1	04-10-2001
WO 0187372 A	22-11-2001	AU 5977401 A	26-11-2001
		AU 6157901 A	26-11-2001
		AU 6158001 A	26-11-2001
		AU 6158101 A	26-11-2001
		AU 6295701 A	26-11-2001
		AU 6311201 A	26-11-2001
		AU 6311301 A	26-11-2001
		EP 1280568 A1	05-02-2003
		EP 1280569 A1	05-02-2003
		EP 1280570 A2	05-02-2003
		EP 1280571 A1	05-02-2003
		EP 1289576 A1	12-03-2003
		EP 1280512 A2	05-02-2003
		EP 1280572 A1	05-02-2003
		WO 0187372 A1	22-11-2001
		WO 0187373 A1	22-11-2001
		WO 0187374 A1	22-11-2001
		WO 0187342 A2	22-11-2001
		WO 0187375 A1	22-11-2001
		WO 0187263 A2	22-11-2001
		WO 0187376 A1	22-11-2001
		US 2001029351 A1	11-10-2001
		US 2002016625 A1	07-02-2002
		US 2002007213 A1	17-01-2002
		US 2002007214 A1	17-01-2002
		US 2002007215 A1	17-01-2002
		US 2002005206 A1	17-01-2002